

INTERNATIONAL SEARCH REPORT

PCT/GB2004/004102

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B01D21/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
 IPC 7 B01D E03F C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 519 907 A (ROONEY THOMAS C) 28 May 1985 (1985-05-28) column 3, line 15 – column 4, line 20; figure 1 ----- GB 830 531 A (HENRI BENDEL) 16 March 1960 (1960-03-16) cited in the application page 2, line 7 – line 86; claims 1-6; figure 1 ----- US 4 576 720 A (MANDT MIKKEL G) 18 March 1986 (1986-03-18) column 5, line 32 – column 6, line 50; figure 2 column 7, line 12 – line 42 ----- -/--	1-9
Y		1-9
A		1-9

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

24 November 2004

Date of mailing of the international search report

01/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 292 020 A (SMITH & LOVELESS INC) 23 November 1988 (1988-11-23) column 3, line 33 – column 5, line 15; figures -----	1-9
A	US 3 941 698 A (WEIS FRANK G) 2 March 1976 (1976-03-02) cited in the application column 2, line 48 – line 59; figure 2 column 6, line 16 – line 37 -----	1-9
A	US 4 759 854 A (WILSON REGINALD A E) 26 July 1988 (1988-07-26) cited in the application column 2, line 46 – column 4, line 19; figure 1 -----	1-9
A	FR 2 726 203 A (GEC ALSTHOM ACB) 3 May 1996 (1996-05-03) page 3, line 31 – page 4, line 19 page 5, line 13 – page 7, line 15; figure -----	1-9

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Information on patent family members

PCT/GB2004/004102

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